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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|------------------------|------------------|
| 10/061,656 | 02/01/2002 | Rajasekhar Abburi | MS#183195.1 (MSFT4967) | 1819 |

321 7590 11/04/2005

SENNIGER POWERS
ONE METROPOLITAN SQUARE
16TH FLOOR
ST LOUIS, MO 63102

EXAMINER

GAUTHIER, GERALD

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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2645

DATE MAILED: 11/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action
Before the Filing of an Appeal Brief**

Application No.

10/061,656

Applicant(s)

ABBURI, RAJASEKHAR

Examiner

Gerald Gauthier

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--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 22 September 2005 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☒ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
(a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);
(b) ☐ They raise the issue of new matter (see NOTE below);
(c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
The status of the claim(s) is (or will be) as follows:
Claim(s) allowed: _____.
Claim(s) objected to: _____.
Claim(s) rejected: 1-13, 15-37, 47-50 and 55-58.
Claim(s) withdrawn from consideration: _____.


AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). _____.
13. ☐ Other: _____.

Continuation of 3. NOTE: The independent claims have been amended such as "as a function of a time period during which the voice messages are received" raise new issues and require further consideration.


FAN TSANG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600



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GERALD GAUTHIER
PATENT EXAMINER



Bib Data Sheet

CONFIRMATION NO. 1819

| | | | | | |
|--|---|---------------------------|--|---|----------------------------|
| SERIAL NUMBER 10/061,656 | FILING DATE 02/01/2002 RULE | CLASS 379 | GROUP ART UNIT 2645 | ATTORNEY DOCKET NO. MS#183195.1 (MSFT4967) | |
| APPLICANTS Rajasekhar Abburi, Medina, WA; ** CONTINUING DATA ***** ** FOREIGN APPLICATIONS ***** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 02/25/2002 | | | | | |
| Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature Initials | | STATE OR COUNTRY WA | SHEETS DRAWING 4 | TOTAL CLAIMS 58 | INDEPENDENT CLAIMS 8 |
| ADDRESS 000321 SENNIGER POWERS ONE METROPOLITAN SQUARE 16TH FLOOR ST LOUIS , MO 63102 | | | | | |
| TITLE Audio messaging system and method | | | | | |
| FILING FEE RECEIVED 1844 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following: | | <input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ | | |

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Regarding to claims 7 and 9: Refer to consider on claims 1 and 3 above.

Regarding to claim 8: Refer to consider on claim 2 above.

Regarding to claim 10: Refer to consider on claim 1 above.

Regarding to claim 12 Refer to consider on claim 1 above.

Regarding to claim 13: Cohen discloses a cooling system for computer system comprising:

-a CPU processor 12 having an operating power controlled by an operating power control signal;

-a cooling fan 32;

-a fan logic (FSC) 60 for generating a fan and transmitting a fan control signal based on a vital temperature of a temperature transducer 44;

-a controller CPU 12 or other logic circuit for controlling the rotational speed of the fan [cited Fig. 2b and ¶ 0021];

-a power logic (TCC 45) for generating the operating the operating power control signal based on the vital temperature of the graphics processor and outputting the operating power control signal [cited ¶ 0022, 0024-0025 and specifically ¶ 0028 page 3, lines 9-17], Cohen does not specifically discloses a fan input/output module for transmitting a fan control signal from the controller to the fan. Since, fan control signal is being received and operated at the fan such as fan speed, thus it is obvious of one having ordinary skill in the art to recognize that, fan control signal must be received at the fan receiver prior to turn the fan, wherein the receiver constitutes of fan input/output module where is control the fan speed.

Regarding to claim 14: Cohen further discloses a clock speed circuit (clock 47).

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Regarding to claim 16: Refer to consider on claim 3 above.

Regarding to claim 19: Refer to claim 1 above.

3. Claims 5,11,15 and 17-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cohen in view of Schumann et al. [US 6,006,168; Schumann].

Regarding to claims 5, 11, 15: Cohen disclose all the limitation as described in claim above, except for specifically discloses that fan and clock power/speed controlled by relations (thresholds) stored in a RAM or hard disk. Memory for storing threshold values in computer is known in the art, Schumann teaches a system comprises a cooling fan operating for CPU, includes a fan threshold register 28 uses for stored fan thresholds [see col. 5, lines 31-40]. It would have been obvious of one having ordinary skill in the art at the time of the claimed invention, to have a memory to store fan relations (thresholds) as suggested by Schumann, so user can be easy to modify the value by reprogramming the thresholds in the memory.

Regarding to claims 17-18: Refer to the considered of claim 5 above.

4. Claim 20 is rejected under 35 U.S.C. 103(a) as being unpatentable over Cohen in view of Suzuki et al. [US 6,134,667; Suzuki].

Regarding to claim 20: Cohen disclose all the limitation as described in claim above, except for not specifically discloses a user interface for input control parameters to generate fan and operating power signals. Suzuki teaches a computer cooling controller comprises a user interface for allowing user to input threshold temperature values to generate fan control signal [as shown in Fig. 1, 21-22 and col. 15, lines 15-46]. It would have been obvious

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of one having ordinary skill in the art at the time of the claimed invention, to have an user interface and display as taught by Suzuki to the system of Cohen, for the benefit of convenience and precisely.

5. Claims 21-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cohen in view of Klein [US 6,182,232].

Regarding claims 21-22: Cohen discloses all the limitations as described above, except for not specifically disclose that the first and second thresholds are substantially different. Klein teaches a method to manage power and head in a computer system comprises a first and a second threshold, which are substantially different [see Fig. 6, col. 4 lines 60-67 and col. 4, lines 1-4]. It would have been obvious of one having ordinary skill in the art at the time of the claimed invention to implement a first and a second different threshold in the cooling monitor system of a computer as suggested by Klein, in order to provide a more precisely output which help the cooling fan speed and clock system performing more accuracy.

Response to Arguments

6. Applicant's arguments filed 6/27/05 have been fully considered but they are not persuasive.

Applicant argued: (1) Cohen teaches only one temperature threshold. (2) Cohen does not teaches other heat sources such as at a VGA chipset.

Examiner responses: (1) As described in rejection of claims 1, Cohen does not specifically show first and second thresholds, however, the claim 1 never requires that first threshold is different from the second threshold. Therefore, Examiner interprets the claimed first and second

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thresholds being the same value. (2) Cohen monitors temperature inside the computer system and perform cooling system in respond to the temperature detected, although the temperature detector is not specifically deposed at the VGA chipset, however, VGA chipset is a one of a component in a computer system, it is obvious to one skill in the art to depose the temperature detector at any appropriate component in the computer system including a VGA chipset, furthermore, the Cohen's cooling fan and clock speed system would response equally well whether the heat participated or detected at any particular component inside the computer.

Conclusion

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

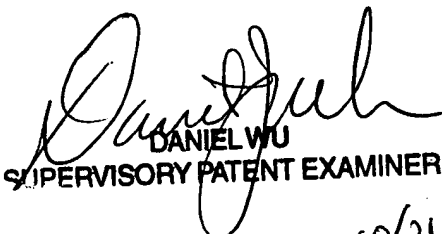
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Son M. Tang whose telephone number is (571)272-2962. The examiner can normally be reached on 4/9 First Friday off.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel J. Wu can be reached on (571)272-2964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Son Tang


DANIEL WU
SUPERVISORY PATENT EXAMINER
10/31/05